

Form PTO-1449
(SNL-Modified)
(9/94)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(37 CFR 1.98(b))

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SD6853S96530

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U. S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE
<i>km</i>	1	6,229,947	5/8/01	Vawter	385	132	10/6/97

FOREIGN PATENT OF PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

<i>km</i>	1	R.E. Smith, C.T. Sullivan, G.A. Vawter, G.R. Hadley, J.R. Wendt, M.B. Snipes and J.F. Klem, "Reduced Coupling Loss Using a Tapered-Rib Adiabatic-Following Fiber Coupler," <u>IEEE Photonics Technology Letters</u> , vol. 8, pp. 1052-1054 (August 1996). ✓
<i>km</i>	2	I. Moerman, P.V. Van Daele and P.M. Demeester, "A Review on Fabrication Technologies for the Monolithic Integration of Tapers with III-V Semiconductor Devices," <u>IEEE Journal of Selected Topics in Quantum Electronics</u> , vol. 3, pp. 1308-1320 (December 1997). ✓
<i>km</i>	3	L. Wu, F. Li, S. Tang, B. Bihari and R.T. Chen, "Compression-Molded Three-Dimensional Tapered Polymeric Waveguides for Low-Loss Optoelectronic Packaging," <u>IEEE Photonics Technology Letters</u> , vol. 9, pp. 1601-1603 (December 1997). ✓

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7/15/03

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km	4	R. Inaba, M. Kato, M. Sagawa and H. Akahoshi, "Two-Dimensional Mode Size Transformation by Δn -Controlled Polymer Waveguides," <u>Journal of Lightwave Technology</u> , vol. 16, pp. 620-624 (April 1998). ✓
	5	T. Bakke and S.D. Mukherjee, "Polymeric Optical Mode Converter for Hybrid Photonic Integrated Circuits," <u>Proceedings of SPIE Conference on Optoelectronic Interconnects VI</u> , vol. 3632, pp. 234-241 (January 1999). ✓
	6	R.S. Fan and R. B. Hooker, "Tapered Polymer Single-Mode Waveguides for Mode Transformation," <u>Journal of Lightwave Technology</u> , vol. 17, pp. 466-474 (March 1999). ✓
	7	H. Komatsugawa, M. Kamata and K. Sasaki, "Analysis of Mode Size Transformation With a Tapered Directional Coupler," <u>Applied Optics</u> , vol. 38, pp. 4509-4515 (20 July 1999). ✓
	8	L. Eldada and L.W. Shacklette, "Advances in Polymer Integrated Optics," <u>IEEE Journal of Selected Topics in Quantum Electronics</u> , vol. 6, pp. 54-68 (January/February 2000). ✓
✓	9	R. Inaba, M. Kato and H. Akahoshi, "Improved Coupling Efficiency Using Δn -Controlled Polymer Waveguides With Two-Dimensional Spot-Size Transformation," <u>IEEE Photonics Technology Letters</u> , vol. 12, pp. 404-406 (April 2000). ✓
km	10	A. Chen, V. Chuyanov, F.I. Marti-Carrera, S. Garner, W.H. Steier, J. Chen, S. Sun and L.R. Dalton, "Vertically Tapered Polymer Waveguide Mode Size Transformer for Improved Fiber Coupling," <u>Optical Engineering</u> , vol. 39, pp 1507-1516 (June 2000).

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